

IN THE SPECIFICATION:

Please amend paragraph [0002], as follows.

--[0002]

Downsizing and excellent portability have been demanded for the ~~abovementioned~~ above-mentioned imaging devices and electronic equipment. Particularly, downsizing has been in greater demand for imaging systems to be mounted to notebook computers and portable devices.--

Please amend paragraph [0005], as follows.

--[0005]        On the other hand, an example which realizes a small-sized optical system by dividing the optical system small-sized optical system by dividing the optical system into a plurality of parts is proposed in Japanese Unexamined Patent Publication No. H10-145802.--

Please amend paragraph [0006], as follows.

--[0006]        In the optical system proposed in the ~~abovementioned~~ above-mentioned publication, the optical system is comprised of a lens array composed of a plurality of lenslets, whereby the lenslets are reduced in size and focal length, and downsizing of the optical system is achieved.--

Please amend paragraph [0025], as follows.

--[0025] Fig. 5 is a perspective view of a card-type camera of a second embodiment of the invention; and--

Please amend paragraph [0029], as follows.

--[0029] The lens array 2 is comprised of optical blocks 3-1 through 3-16 (in this embodiment, sixteen arranged by four each vertically and horizontally), and at a the imaging element 4, the same number of imaging blocks 5-1 through 5-16 as that of optical blocks are formed ~~for each optical block.~~--

Please amend paragraph [0030], as follows.

--[0030] The optical blocks 3 are formed from a transparent material such as glass or plastic, and sixteen optical blocks 3 are all connected to each other and unified. The same number of image detecting elements (pixels) as that of the imaging blocks are arranged over the same area ~~for each imaging block.~~--

Please amend paragraph [0034], as follows.

--[0034] In Fig. 3, 9 denotes a shielding member comprised of an opaque sheet or the like, which is disposed between the optical blocks. This shielding member 9 prevents, for example, a light ray that has been made incident on the optical block 3-5 from reaching imaging blocks other than the imaging blocks 5-5 corresponding to the optical block 3-5, that is, prevents light rays that have passed through the optical blocks from reaching imaging blocks other than

the imaging blocks corresponding to the optical blocks, ~~whereby occurring~~ through which the light has passed. This prevents a so-called ghost ~~is prevented~~ from forming.

Please amend paragraph [0038], as follows.

--[0038] Each optical block is juxtaposed next to other optical blocks, the optical blocks having pupils different from each other. Therefore, images of a subject with so-called parallax can be obtained.--

Please amend paragraph [0047], as follows.

--[0047] On the other hand, when the reference lines are taken to be long, in measurement of the distance to a subject with a three-dimensional shape, a measuring point at image pickup is possible by one optical block, however, it is impossible by another optical block since the point is shaded by the subject, that is, a so-called occlusion occurs, and the measurement of the depth distance may become impossible.--

Please amend paragraph [0061], as follows.

--[0061] In the abovementioned embodiment, the number of optical blocks is set to 16; however, the invention can also be applied to a compound eye imaging system with any number of optical blocks.--

Please amend paragraph [0062], as follows.

--[0062] In the abovementioned embodiment, the case where imaging blocks corresponding to the optical blocks are provided on the imaging element is explained; however, a construction may be employed in which image detecting elements (pixels) are continuously, that is, correctively uniformly provided on the imaging element, and the imaging ranges corresponding to the optical blocks are set at different positions within these pixel groups.--

Please amend paragraph [0063], as follows.

--[0063] Fig. 5 shows a card-type camera of a second embodiment of the invention. This camera 90 is comprised of compound eye imaging system 91 that is described in the first embodiment, finder window 92, shutter button 93, and flash 94 in the card-type camera body 95.--